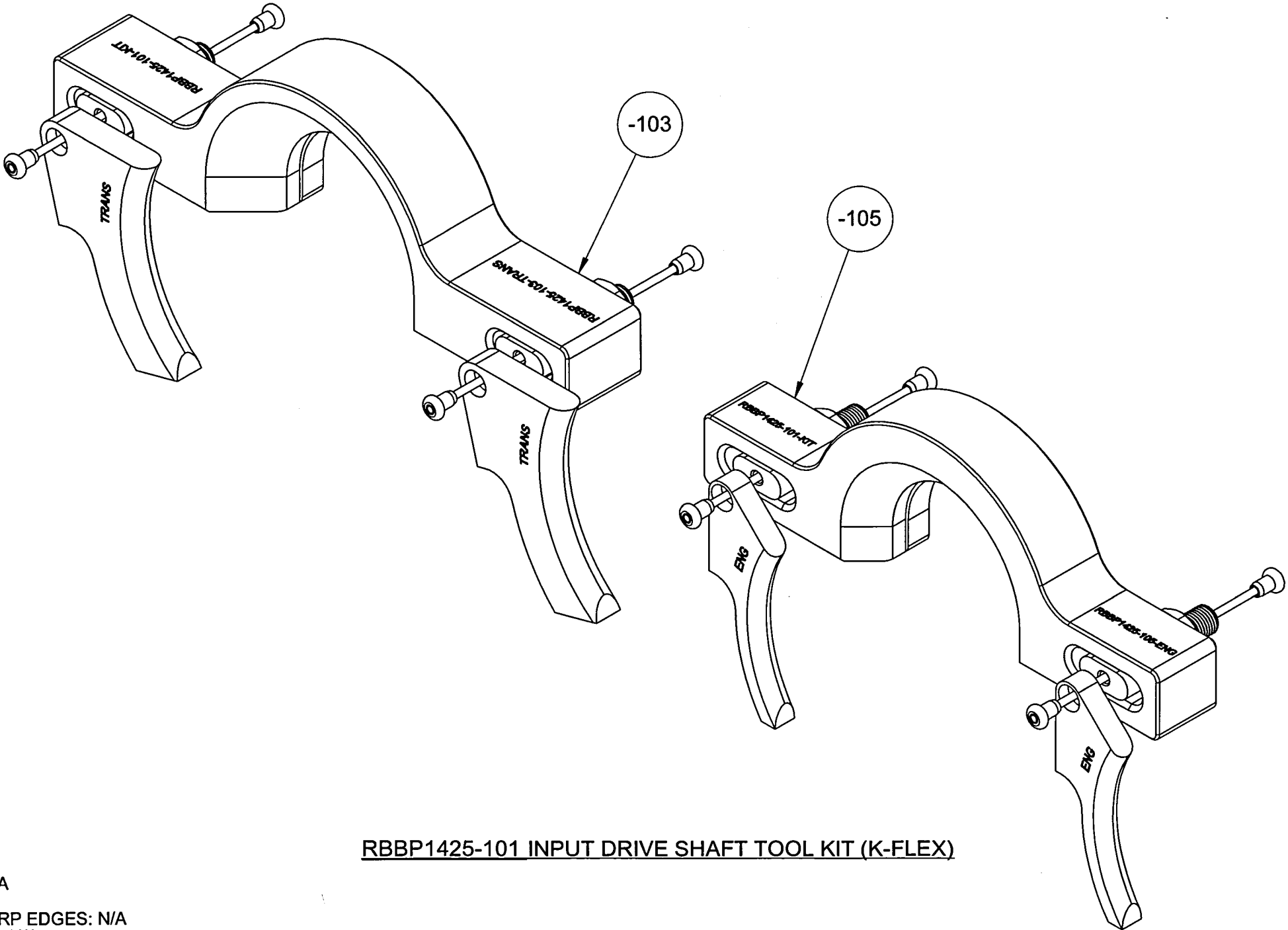


8		7		6		5		4		3		2		1	
ITEM #	QTY	PART #	TITLE		REV.	DESCRIPTION					ECN #	DATE	BY	APPROVED	
-103	1	RBBP1425-103	TRANSMISSION INPUT DRIVESHAFT TOOL ASSY		1	UPDATE BOM TABLE, CH'D MACHINE ENGRAVE P/N, S/N, "MADE IN USA" MACHINE "ENG" ADDED P/N -103-13 TO OTHER END OF -105-05, CH'D INSIDE DIM BETWEEN -103-13 & -103-15, CH'D P.F. TO S.F.					-	4/24/2009	RJC	RW	
-105	1	RBBP1425-105	ENGINE INPUT DRIVESHAFT TOOL ASSY												



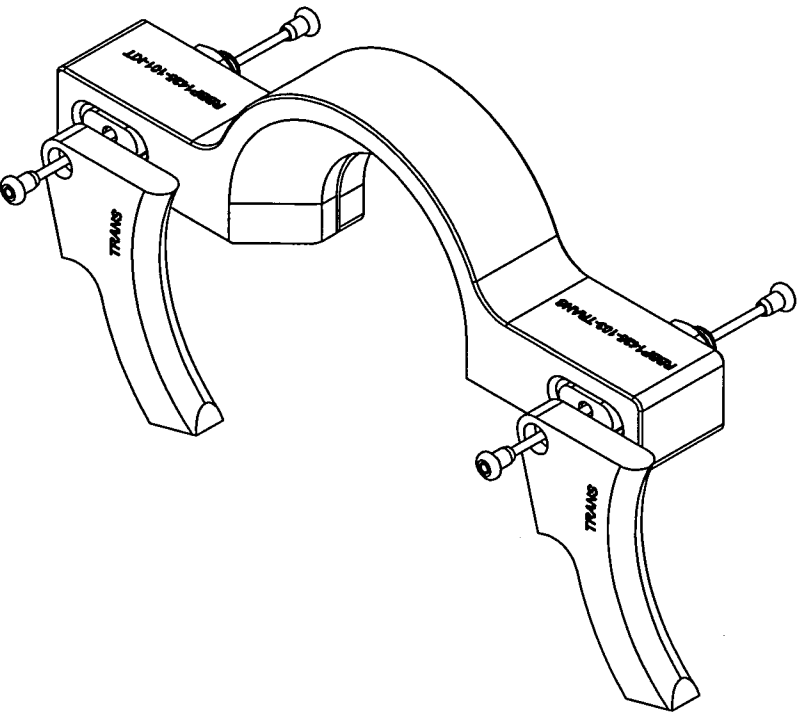
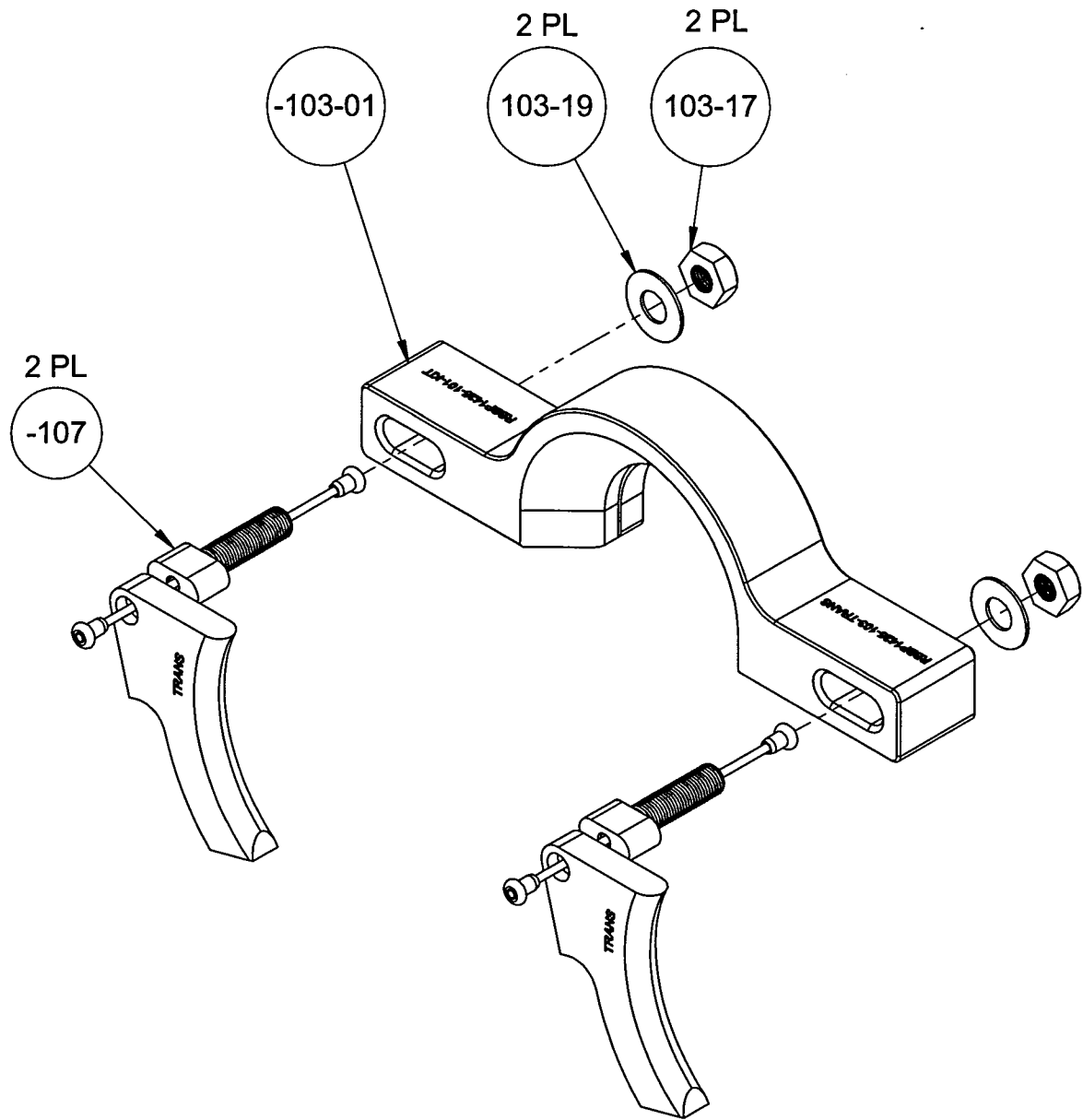
NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) HEAT TREAT: N/A
4) SPEC: N/AN/A
5) BREAK ALL SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) REFERENCE BELL T/N: SKSP1425-101

RBBP1425-101 INPUT DRIVE SHAFT TOOL KIT (K-FLEX)

DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE INPUT DRIVE SHAFT TOOL KIT (K-FLEX)			
PART NO. RBBP1425-101			REV D
TOOL NO. RBBP1425-101		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/23/2018	TOLERANCES:	
DRAWN BY:	ML 03/20/2018	.XXX ± .005 FRACTIONS ± 1/8	
CHECKED BY:	ML 03/20/2018	.XX ± .01 ANGLES ± .5°	
MFG REVIEW BY:	DP 03/20/2018	.X ± .1 SURFACE ROUGHNESS	
APPROVED BY:	ML 03/26/2018	SCALE: NTS	SHEET 1 OF 12
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ITEM #	QTY	PART #	TITLE
-103-01	1	RBBP1425-103-01	BASE
-107	2	RBBP1425-107	TRANS. CABLE ASSEMBLY
103-17	2	McMaster#90480A235	HEX. NUT 3/8"-24 UNF
103-19	2	McMaster#92141A031	FLAT WASHER 3/8" DIA

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	TEMPLATE UPDATED, TITLE CHANGED	17-647	18.1.23	VM	ML

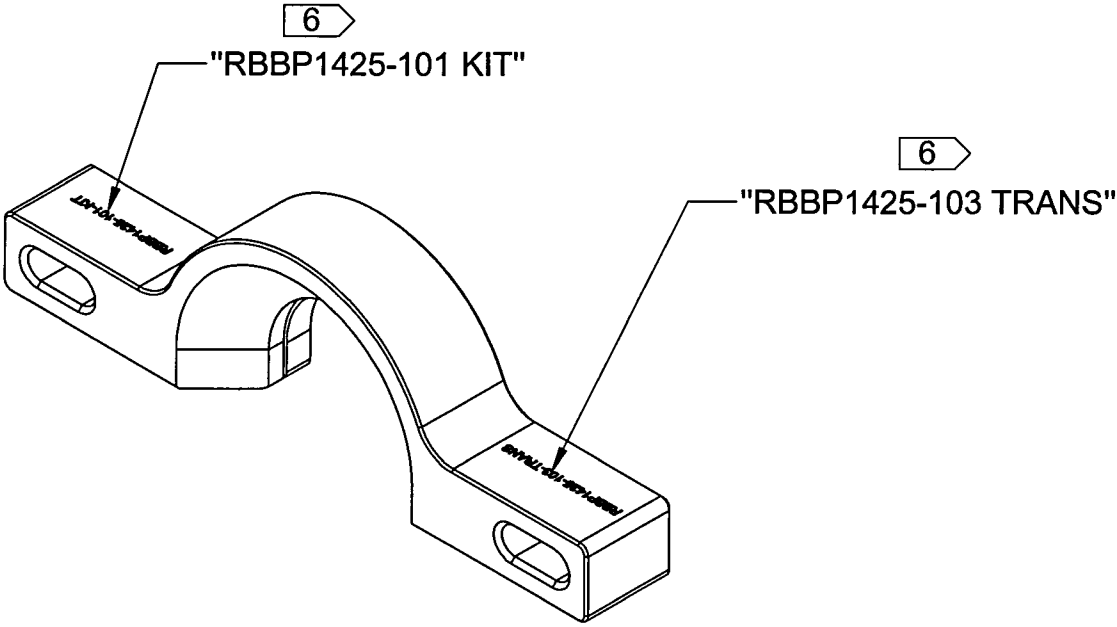
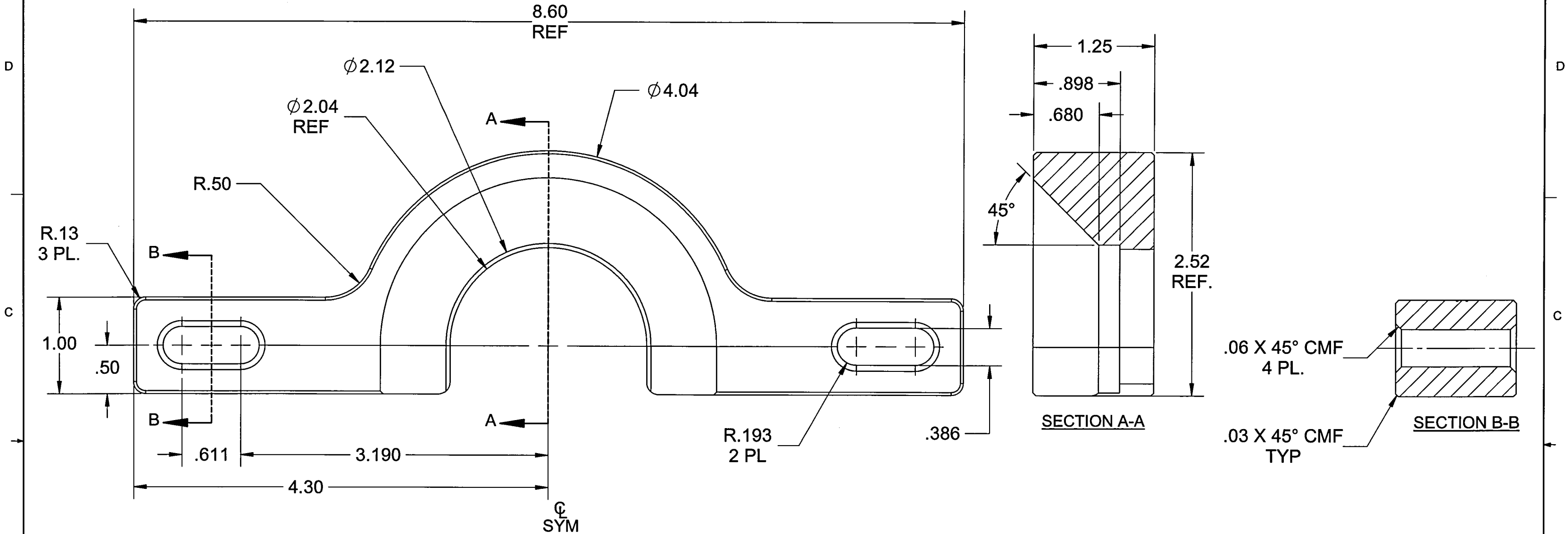


- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) PART OF KIT RBBP1425-101
 - 8) REF BELL T/N SKSP1425-103

RBBP1425-103 TRANSMISSION INPUT DRIVESHAFT TOOL ASSY

 DART AEROSPACE				Hawkesbury, Ontario, Canada	
TITLE TRANSMISSION INPUT DRIVESHAFT TOOL ASSY					
PART NO. RBBP1425-103				REV D	
TOOL NO. RBBP1425-103		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING			
INITIALS AND DATE					
DESIGNED BY:	VM 1/23/2018	TOLERANCES:		FRACTIONS ± 1/8	
DRAWN BY:	ML 03/20/2018	.XXX ± .005		ANGLES ± .5°	
CHECKED BY:	ML 03/20/2018	.XX ± .01		SURFACE	
MFG REVIEW BY:	DP 03/20/2018	.X ± .1		ROUGHNESS	
APPROVED BY:	ML 03/26/2018	SCALE: NTS		SHEET 2 OF 12	
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	TEMPLATE UPDATED, VIEW CHANGED FOR CLARITY	17-647	18.1.23	VM	ML



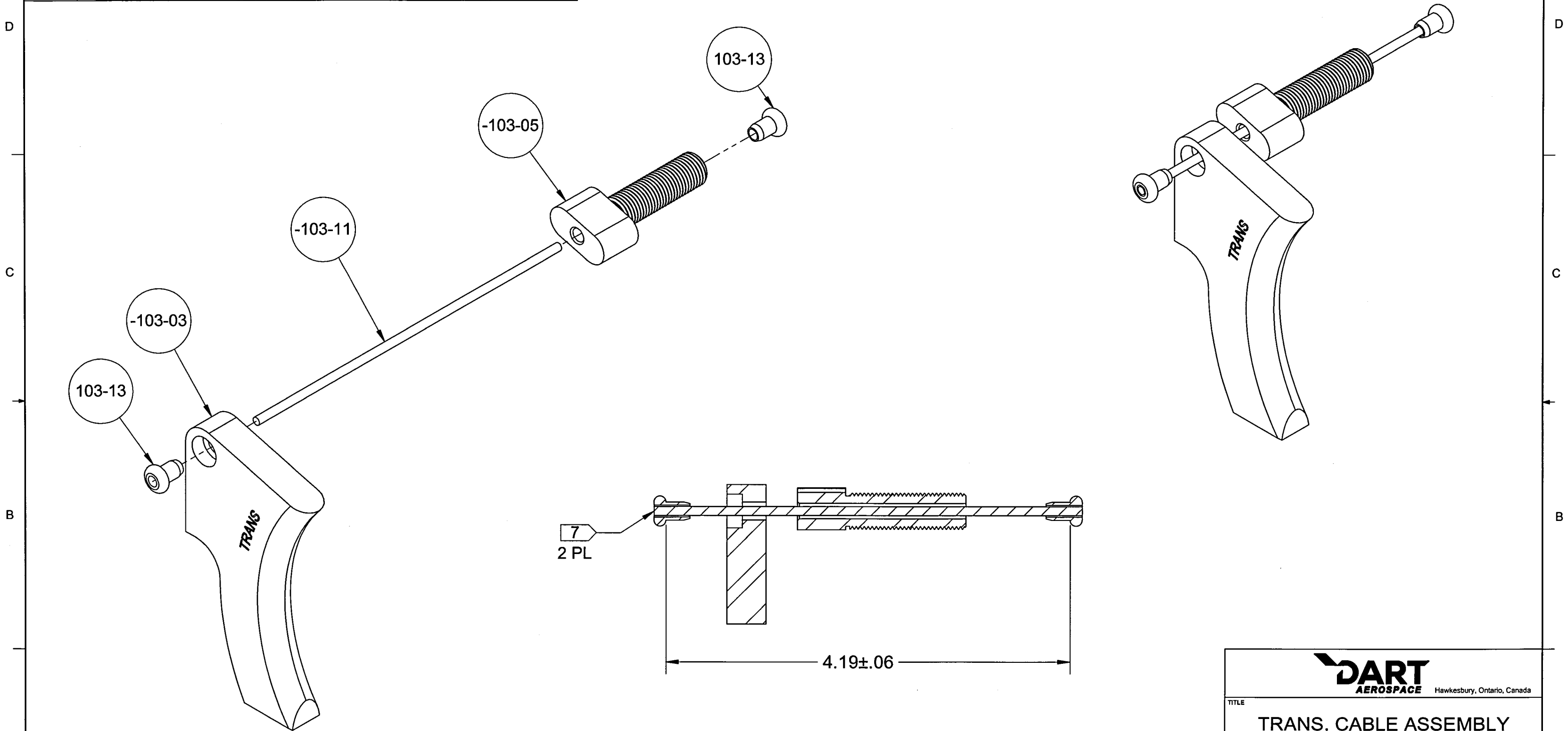
RBBP1425-103-01 BASE

NOTES:
1) MATERIAL: WHITE DELRIN/ACETAL ASTM D6100
2) FINISH: N/A
3) HEAT TREAT: N/A
4) SPEC: N/A
5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
6) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN AND FILL WITH BLACK INK, 0.010" DEPTH

DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE BASE			
PART NO. RBBP1425-103-01			REV D
TOOL NO. RBBP1425-103		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/23/2018	TOLERANCES:	FRACTIONS ± 1/8
DRAWN BY:	ML 03/20/2018	XXX ± .005	ANGLES ± .5°
CHECKED BY:	ML 03/20/2018	XX ± .01	SURFACE
MFG REVIEW BY:	DP 03/20/2018	X ± .1	ROUGHNESS
APPROVED BY:	ML 03/26/2018	SCALE: NTS	SHEET 3 OF 12
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ITEM #	QTY	PART #	TITLE
-103-03	1	RBBP1425-103-03	KEEPER
-103-05	1	RBBP1425-103-05	GUIDE
-103-11	1	RBBP1425-103-11	CABLE 3/32" DIA
103-13	2	McMaster#3869T62	BALL W/SHANK SWAGE FITTING 3/32" DIA.

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	DIMENSION 4.194 +/--.060 CHANGED FOR 4.19 +/--.06, TEMPLATE UPDATED, NOTE 7 ADDED	17-647	18.1.23	VM	ML

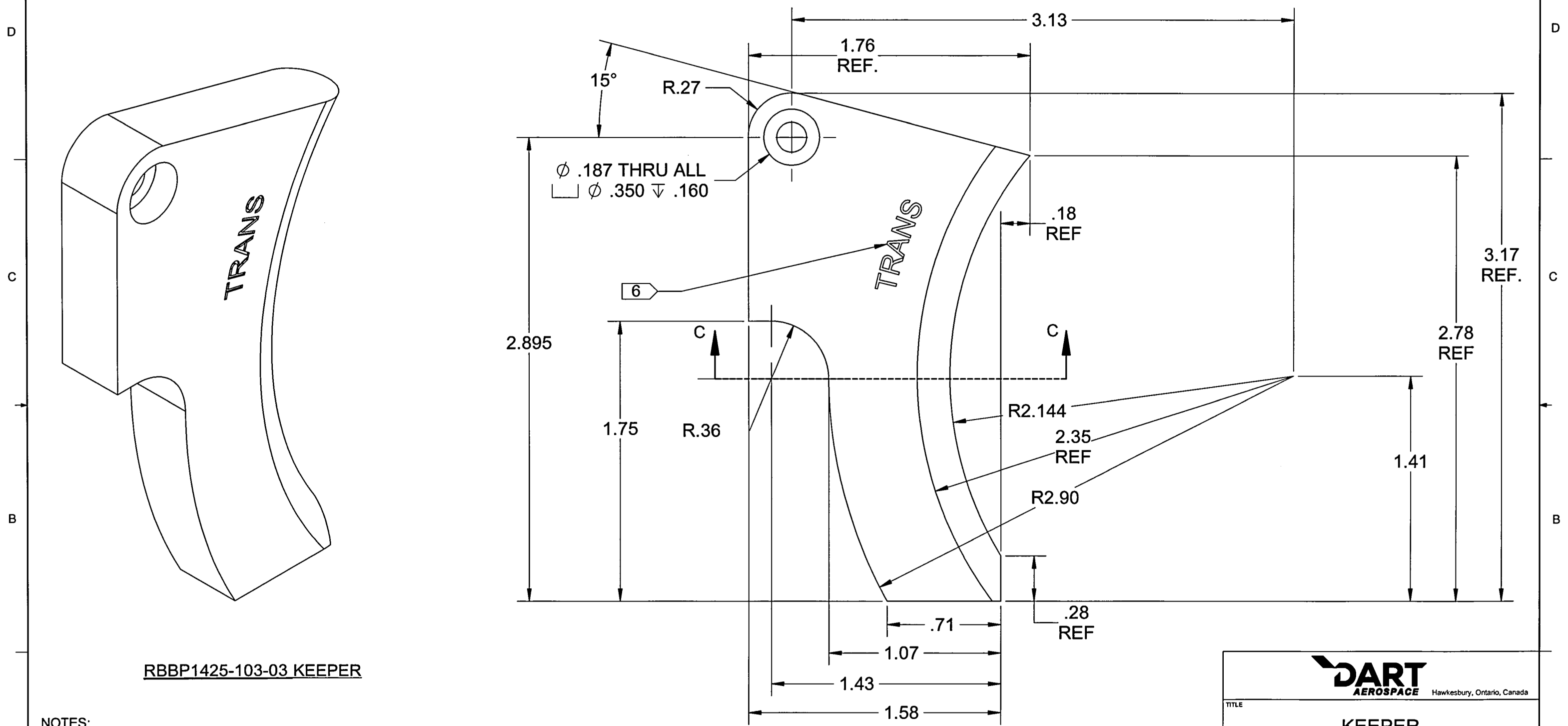


NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) HEAT TREAT: N/A
4) SPEC: N/AN/A
5) BREAK ALL SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) GRIND SMOOTH AFTER CRIMPING

RBBP1425-107 TRANS. CABLE ASSEMBLY

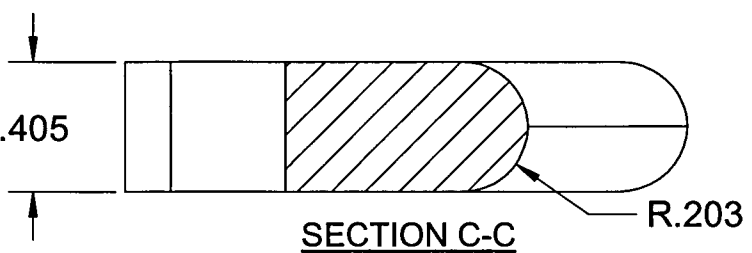
DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE TRANS. CABLE ASSEMBLY			
PART NO. RBBP1425-107			REV D
TOOL NO. RBBP1425-107		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/23/2018	TOLERANCES:	FRACTIONS ± 1/8
DRAWN BY:	ML 03/20/2018	.XXX ± .005	ANGLES ± .5°
CHECKED BY:	ML 03/20/2018	.XX ± .01	SURFACE
MFG REVIEW BY:	DP 03/20/2018	.X ± .1	ROUGHNESS
APPROVED BY:	ML 03/26/2018	SCALE: NTS	SHEET 4 OF 12
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	TEMPLATE UPDATED, MATERIAL 4140/4142 CHANGED FOR 17-4 PH / H900, FINISH REMOVED, VIEWS CHANGED FOR CLARITY, NOTE 7 ADDED	17-647	18.1.23	VM	ML



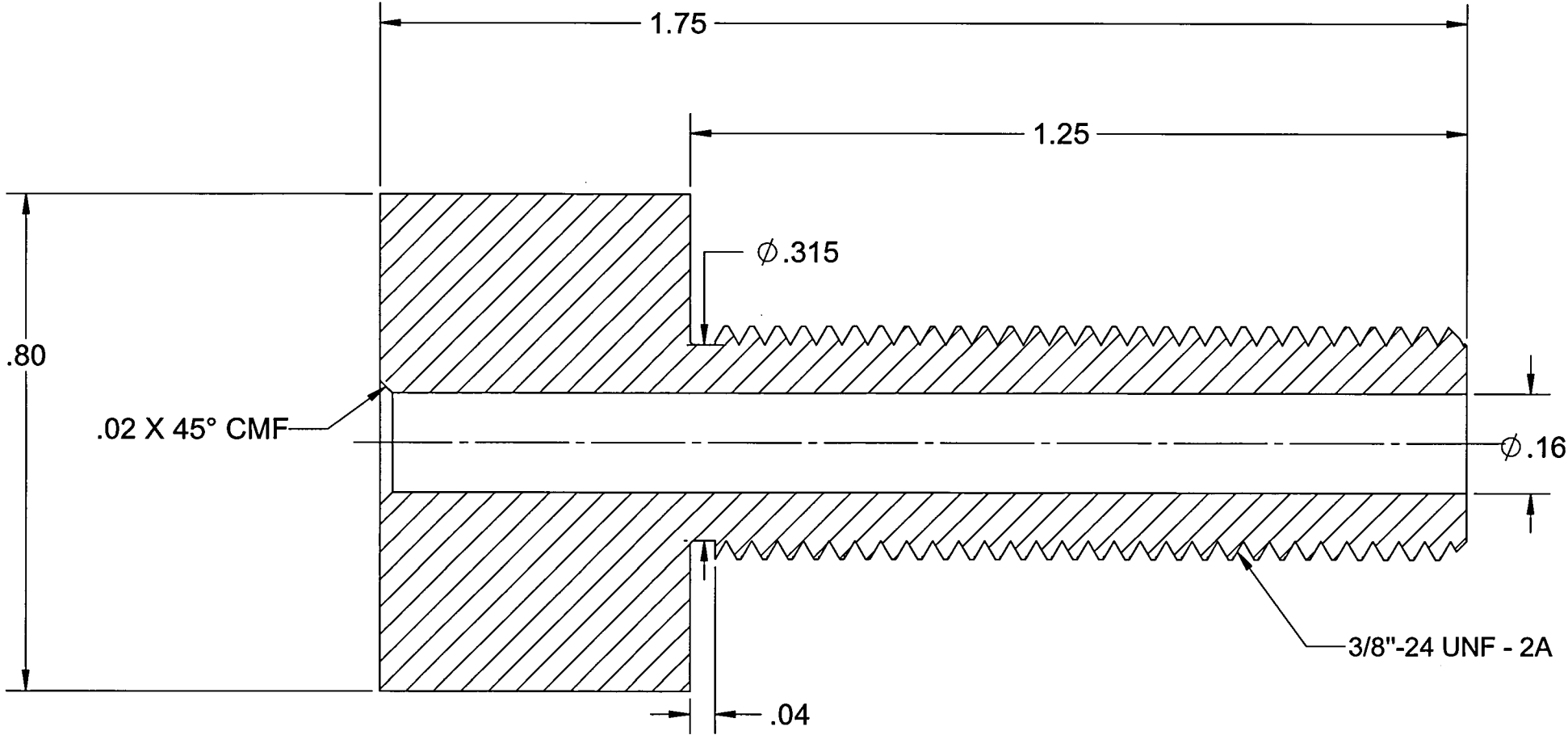
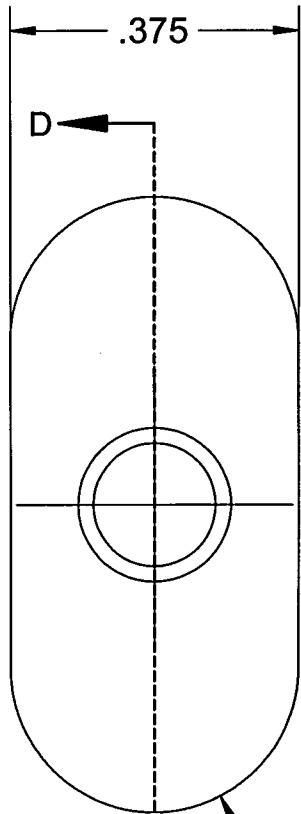
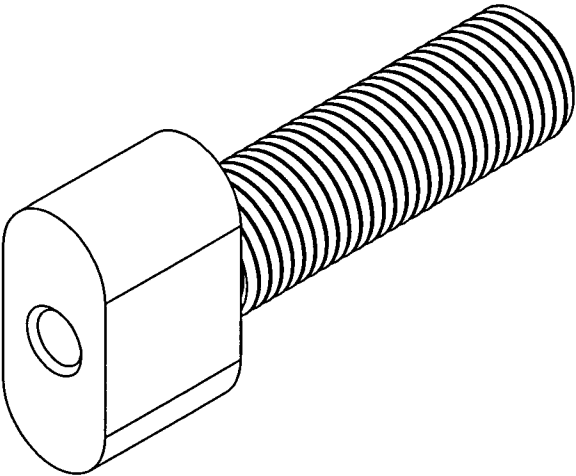
RBBP1425-103-03 KEEPER

- NOTES:
- 1) MATERIAL: 17-4 PH SS / H900 OR 4140/4142 (Rc 28-32)
 - 2) FINISH: IF MANUFACTURED FROM 17-4PH-H900: N/A
IF MANUFACTURED FROM 4140/4142 : BLACK OXIDE PER MIL-C-13924 CLASS 1/2/4
THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN AND FILL WITH BLACK INK, 0.010" DEPTH
 - 7) REFER TO CAD MODEL FOR ALL NON DIMENSIONED FEATURES



DART AEROSPACE Hawkesbury, Ontario, Canada	
TITLE KEEPER	
PART NO. RBBP1425-103-03	REV D
TOOL NO. RBBP1425-103	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY: VM 1/23/2018	TOLERANCES: .XXX ± .005 .XX ± .01 .X ± .1
DRAWN BY: ML 03/20/2018	FRACTIONS ± 1/8 ANGLES ± .5° SURFACE ROUGHNESS
CHECKED BY: ML 03/20/2018	
MFG REVIEW BY: DP 03/20/2018	
APPROVED BY: ML 03/26/2018	SCALE: NTS SHEET 5 OF 12
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	PART MADE IN 1 PIECE, -103-07 & -103-09 REMOVED, TEMPLATE UPDATED, MATERIAL UPDATED	17-647	18.1.23	VM	ML



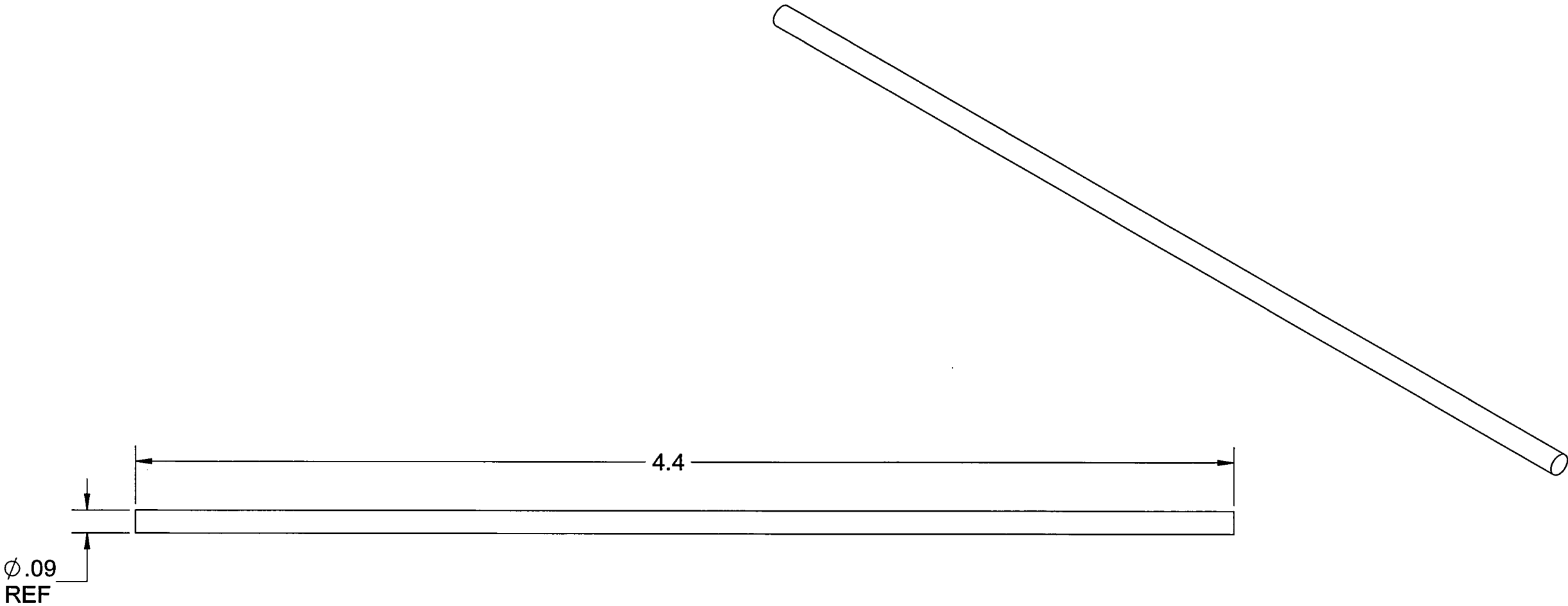
SECTION D-D

RBBP1425-103-05 GUIDE

- NOTES:
- 1) MATERIAL: AISI 303/304/316 SS
 - 2) FINISH: N/A
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: N/A

DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE GUIDE			
PART NO. RBBP1425-103-05			REV D
TOOL NO. RBBP1425-103		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/23/2018	TOLERANCES:	
DRAWN BY:	ML 03/20/2018	.XXX ± .005	
CHECKED BY:	ML 03/20/2018	.XX ± .01	
MFG REVIEW BY:	DP 03/20/2018	.X ± .1	
APPROVED BY:	ML 03/26/2018	FRACTIONS ± 1/8	
		ANGLES ± .5°	
		SURFACE	
		ROUGHNESS	
		SCALE: NTS	SHEET 6 OF 12
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	DRAWING ADDED	17-647	18.1.23	VM	ML



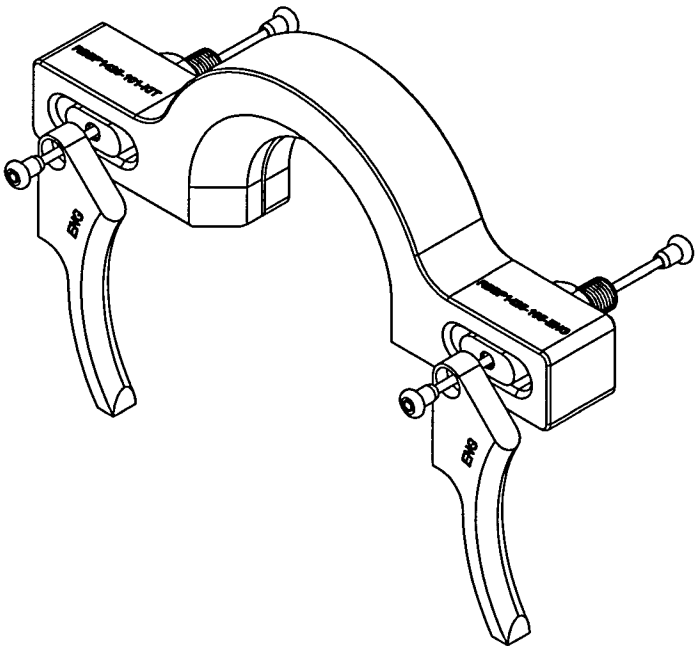
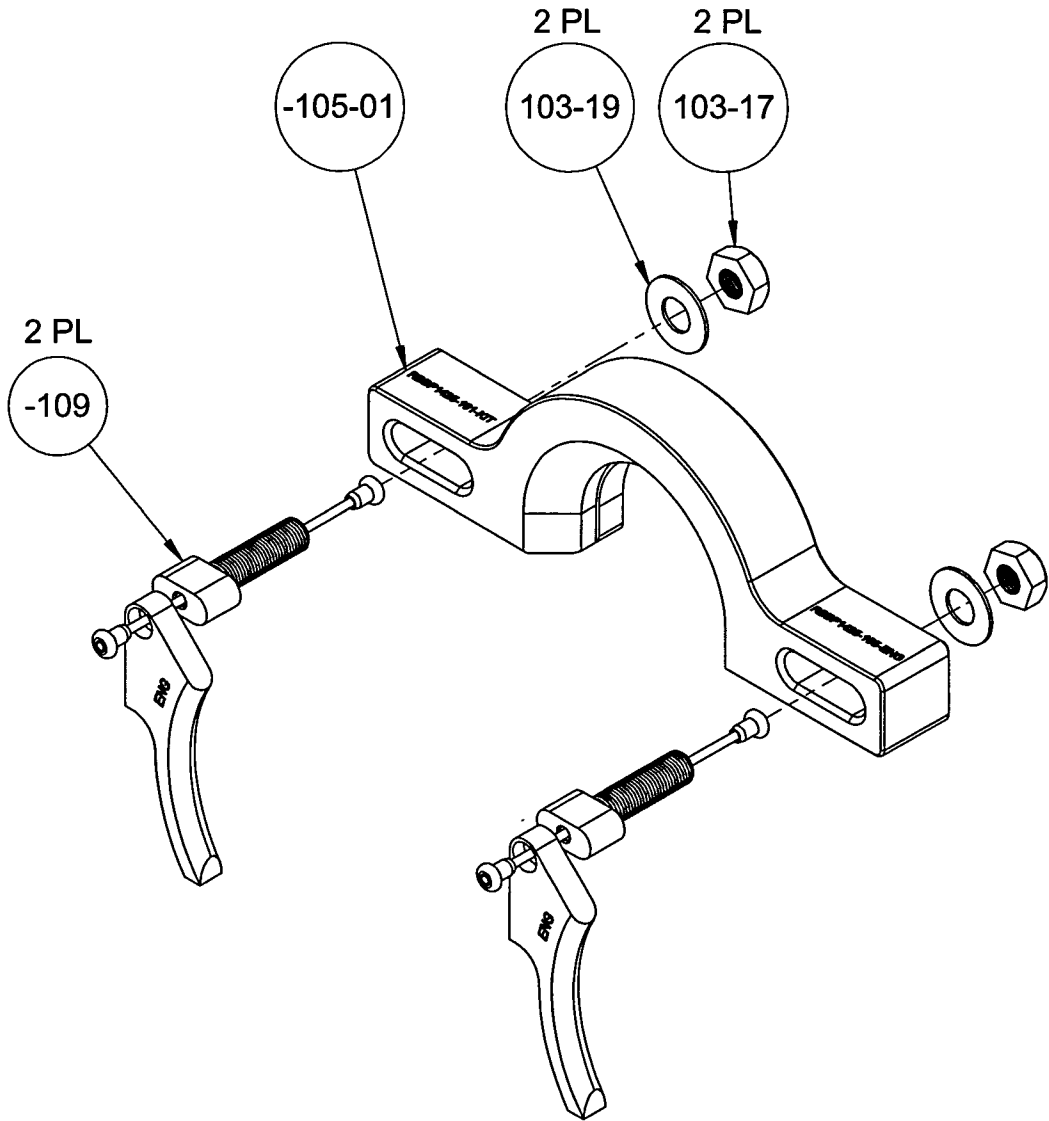
RBBP1425-103-11 CABLE 3/32" DIA

- NOTES:
- 1) MATERIAL: McMaster#3458T76
 - 2) FINISH: N/A
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A

DART AEROSPACE		Hawkesbury, Ontario, Canada	
TITLE CABLE 3/32" DIA			
DWG NO. RBBP1425-103-11		REV D	
DESIGN BY:	VM 9/8/2017	XXX ± .005 FRACTIONS ± 1/8	
DRAWN BY:	ML 03/20/2018	XX ± .01 ANGLES ± 5°	
CHECKED:	ML 03/20/2018	X ± .1 SURFACES = 12✓	
MFG. APPR:	DP 03/20/2018	1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	
APPROVED:	ML 03/26/2018	2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE:	3/20/2018	3. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE:	NTS	WEIGHT:	N/A
		SHEET 7 OF 12	
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ITEM #	QTY	PART #	TITLE
-105-01	1	RBBP1425-105-01	BASE
-109	2	RBBP1425-109	ENGINE CABLE ASSEMBLY
103-17	2	McMaster#90480A235	HEX. NUT 3/8"-24 UNF
103-19	2	McMaster#92141A031	FLAT WASHER 3/8" DIA

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	TEMPLATE UPDATED, TEMPLATE CHANGED	17-647	18.1.23	VM	ML

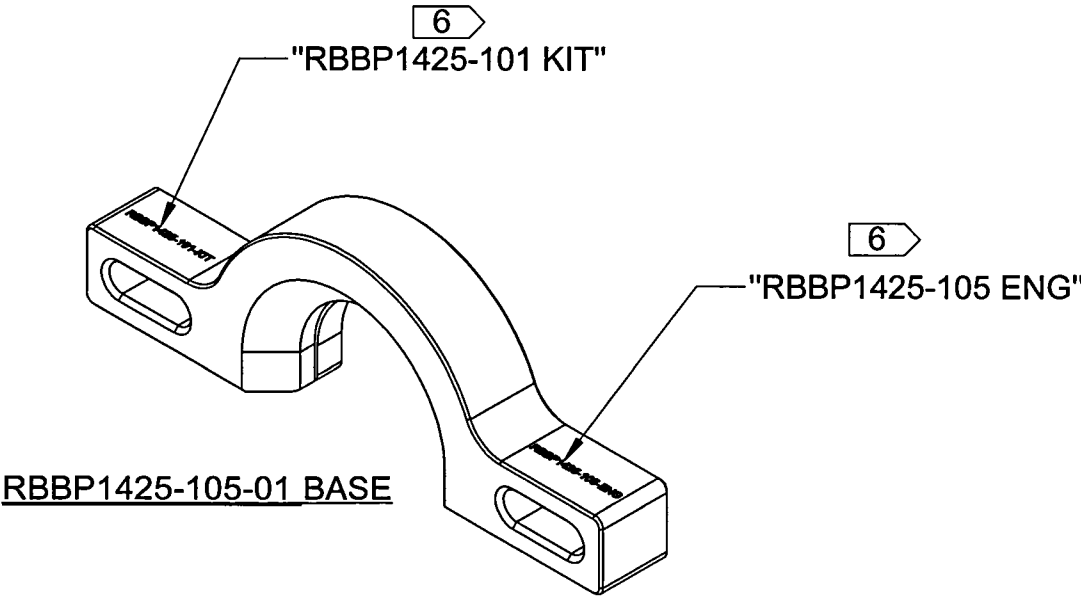
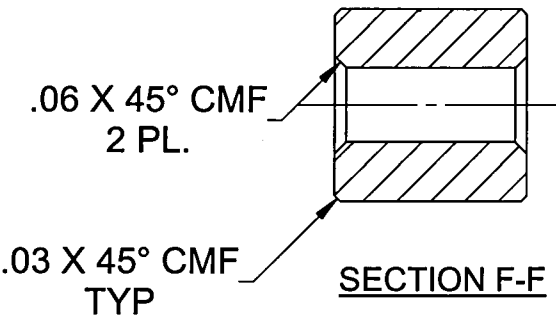
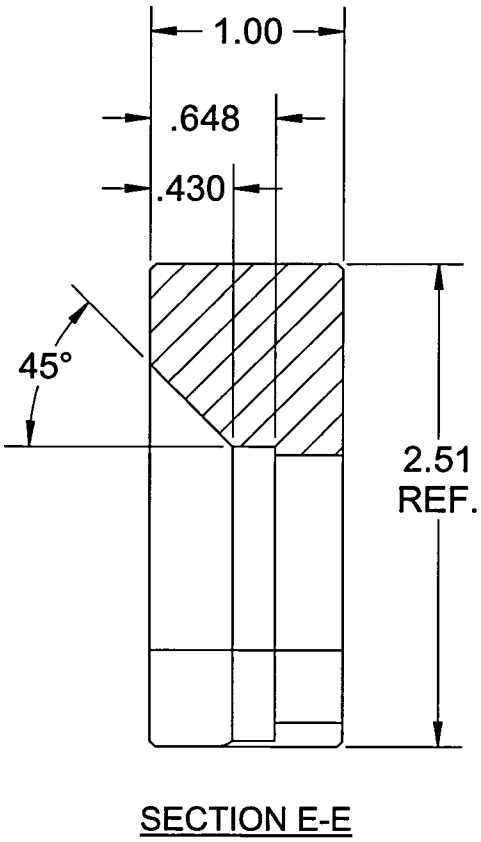
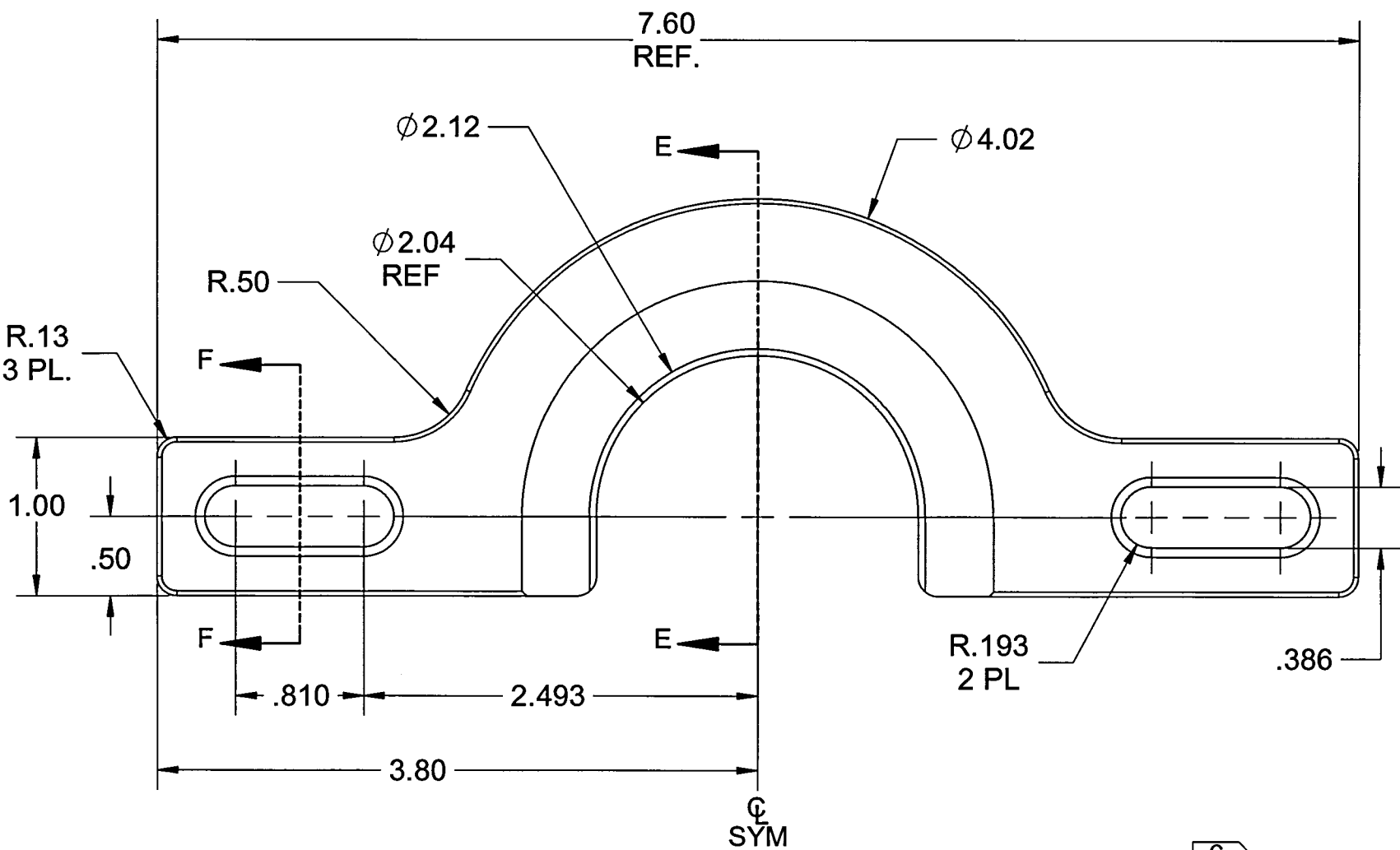


RBBP1425-105 ENGINE INPUT DRIVESHAFT TOOL ASSY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/AN/A
 - 5) BREAK ALL SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) PART OF KIT RBBP1425-101
 - 8) REF. BELL T/N SKSP1425-105

 DART AEROSPACE			
Hawkesbury, Ontario, Canada			
TITLE ENGINE INPUT DRIVESHAFT TOOL ASSY			
PART NO. RBBP1425-105		REV D	
TOOL NO. RBBP1425-105		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
INITIALS AND DATE			
DESIGNED BY:	VM 1/23/2018	TOLERANCES:	
DRAWN BY:	ML 03/20/2018	.XXX ± .005	
CHECKED BY:	ML 03/20/2018	.XX ± .01	
MFG REVIEW BY:	DP 03/20/2018	.X ± .1	
APPROVED BY:	ML 03/26/2018	FRACTIONS ± 1/8	
		ANGLES ± .5°	
		SURFACE ROUGHNESS	
		SCALE: NTS	
		SHEET 8 OF 12	
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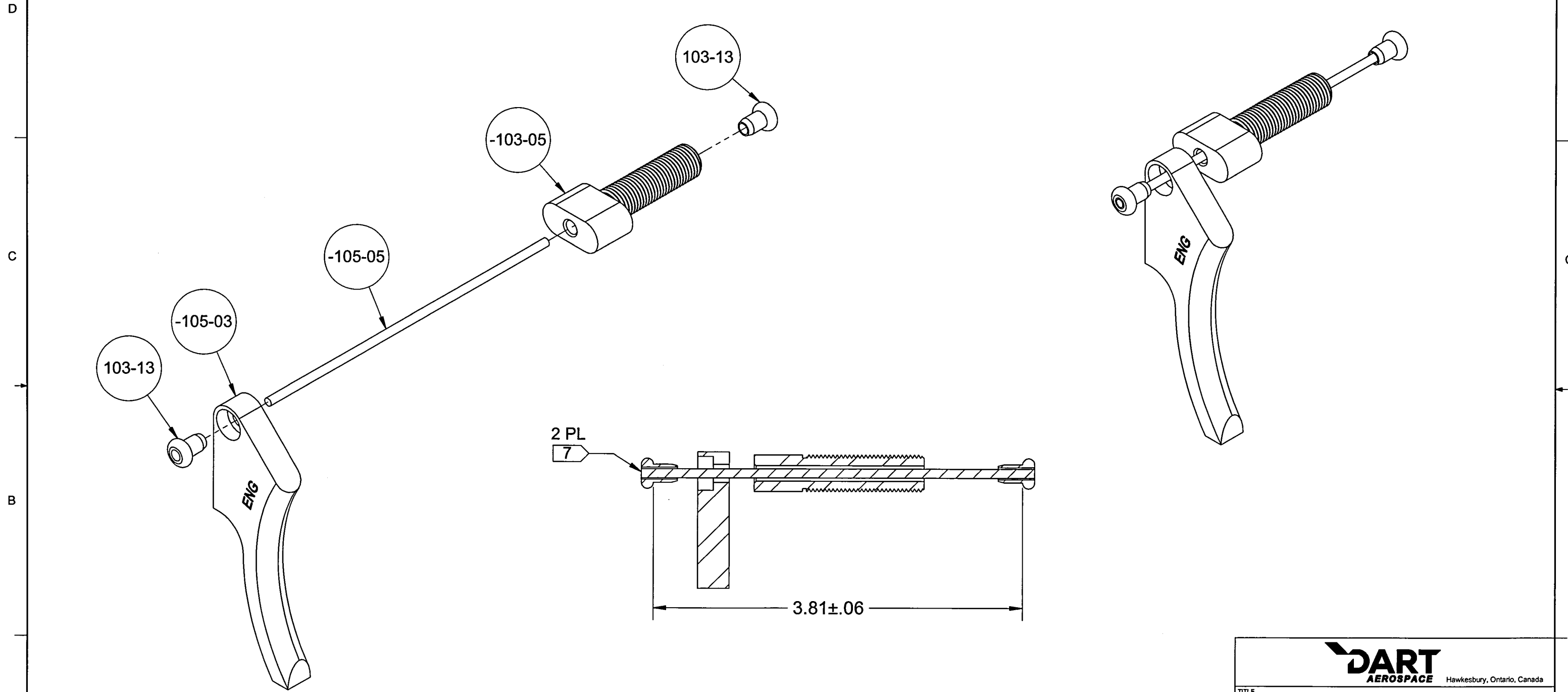
REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	TEMPLATE UPDATED, VIEW CHANGED FOR CLARITY	17-647	18.1.23	VM	ML



- NOTES:
- 1) MATERIAL: WHITE DELRIN/ACETAL ASTM D6100
 - 2) FINISH: N/A
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN AND FILL WITH BLACK INK, 0.010" DEPTH

DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE BASE			
PART NO. RBBP1425-105-01			REV D
TOOL NO. RBBP1425-105			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING			
DESIGNED BY:	VM 1/23/2018	TOLERANCES:	FRACTIONS ± 1/8
DRAWN BY:	ML 03/20/2018	.XXX ± .005	ANGLES ± .5°
CHECKED BY:	ML 03/20/2018	.XX ± .01	SURFACE
MFG REVIEW BY:	DP 03/20/2018	.X ± .1	ROUGHNESS
APPROVED BY:	ML 03/26/2018	SCALE: NTS	SHEET 9 OF 12
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8				7				6				5				4				3				2				1			
ITEM #	QTY	PART #		TITLE		REV.		DESCRIPTION		ECN #		DATE		BY		APPROVED															
-105-03	1	RBBP1425-105-03		KEEPER		C		DIMENSION 3.807 +/- .060 CHANGED FOR 3.81 +/- .06, TEMPLATE UPDATED, NOTE 7 ADDED		17-647		18.1.23		VM		ML															
-105-05	1	RBBP1425-105-05		CABLE 3/32" DIA																											
-103-05	1	RBBP1425-103-05		GUIDE																											
103-13	2	McMaster#3869T62		BALL W/SHANK SWAGE FITTING 3/32" DIA.																											



- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/AN/A
 - 5) BREAK ALL SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) GRIND SMOOTH AFTER CRIMPING

RBBP1425-109 ENGINE CABLE ASSEMBLY

DART AEROSPACE Hawkesbury, Ontario, Canada			
TITLE ENGINE CABLE ASSEMBLY			
PART NO. RBBP1425-109			REV D
TOOL NO. RBBP1425-109		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY:	VM 1/23/2018	TOLERANCES:	FRACTIONS ± 1/8
DRAWN BY:	ML 03/20/2018	XXX ± .005	ANGLES ± .5°
CHECKED BY:	ML 03/20/2018	XX ± .01	SURFACE
MFG REVIEW BY:	DP 03/20/2018	X ± .1	ROUGHNESS
APPROVED BY:	ML 03/26/2018	SCALE: NTS	SHEET 10 OF 12
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	TEMPLATE UPDATED	17-647	18.1.23	VM	ML

Ø.09
REF.

4.1

RBBP1425-105-05 CABLE 3/32" DIA

- NOTES:
- 1) MATERIAL: McMaster#3458T76
 - 2) FINISH: N/A
 - 3) HEAT TREAT: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A

 DART AEROSPACE			
Hawkesbury, Ontario, Canada			
TITLE			
CABLE 3/32" DIA			
PART NO.			
RBBP1425-105-05			
REV			
D			
TOOL NO.			
RBBP1425			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING			
INITIALS AND DATE			
DESIGNED BY:			
VM 9/11/2017			
DRAWN BY:			
ML 03/20/2018			
CHECKED BY:			
ML 03/20/2018			
MFG REVIEW BY:			
DP 03/20/2018			
APPROVED BY:			
ML 03/26/2018			
TOLERANCES:			
.XXX ± .005			
.XX ± .01			
.X ± .1			
FRACTIONS ± 1/8			
ANGLES ± .5°			
SURFACE ROUGHNESS			
SCALE: NTS			
SHEET 12 OF 12			
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